

Application No. 10/045,940  
Amendment Dated: April 21, 2003  
Reply to Office action of January 31, 2003

This listing of claims will replace all prior versions,  
and listings, of claims in the application:

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1           1.     (Original)       Watch movement in which the rotor of  
2     a generator is driven by a spring over a plurality of wheels  
3     and pinions, the operation of the generator being regulated by  
4     an electronic regulating circuit, wherein said wheels and  
5     pinions are electrically grounded.

1           2.     (Original)       The watch movement of claim 1,  
2     wherein at least certain of said wheels and pinions are made  
3     of non-magnetizable material.

1           3.     (Original)       The watch movement of claim 2,  
2     wherein at least the wheel and/or the pinion that meshes into  
3     said rotor are made of non-magnetizable material.

1           4.     (Original)       The watch movement of claim 3,  
2     wherein said non-magnetizable material comprises  
3     copper-beryllium (CuBe).

1           5.     (Original)       The watch movement of claim 2,  
2     wherein at least certain of said wheels and/or pinions are  
3     made of electrically well conductive material.

1           6.     (Original)       The watch movement of claim 5,  
2     wherein said material is an electrically conductive oxide.


1           7.     (Original)       The watch movement of claim 5,  
2     wherein said material is gold.

Application No. 10/045,940  
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1           8.     (Original)       The watch movement of claim 5,  
2     wherein said material is an electrically conductive plastic.

1           9.     (Original)       The watch movement of claim 1,  
2     wherein at least one of said wheels and/or pinions are  
3     provided with a coating.

1           10.    (Original)       The watch movement of claim 9,  
2     wherein said coating is electrically conductive.

1           11.    (Original)       The watch movement of claim 9,  
2     wherein said coating is not magnetic.

1           12.    (Original)       The watch movement of claims 9,  
2     wherein said coating is not oxidable.

1           13.    (Original)       The watch movement of claim 9,  
2     wherein said coating has a hardness greater than 200DH.

1           14.    (Original)       The watch movement of claim 9,  
2     wherein the thickness of said coating is less than 1  $\mu$ m.

1           15.    (Original)       The watch movement of claim 9,  
2     wherein said coating consists of gold or a gold alloy.

1           16.    (Original)       The watch movement of claim 9,  
2     wherein said coating consists of an electrically  
3     conductive oxide.

1           17.    (Original)       The watch movement of claim 1,  
2     wherein at least one meshing is not epilamized.

Application No. 10/045,940  
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1           18. (Original)       The watch movement of claim 1,  
2 wherein said wheels and pinions are grounded over the meshing.

1           19. (Original)       The watch movement of claim 1,  
2 wherein said at least one of the wheels and/or pinions are  
3 not epilamized.

1           20. (Original)       The watch movement of claim 1,  
2 wherein materials for said wheels and pinions are used which  
3 possess approximately the same electrochemical potential  
and/or the same dielectric constant.

1           21. (Original)       The watch movement of claim 1,  
2 wherein at least one of said wheels and pinions is grounded  
3 over the axes.

1           22. (Original)       The watch movement of claim 21,  
2 wherein said axes are grounded over the jewel bearings.

1           23. (Original)       The watch movement of claim 22,  
2 wherein said jewel bearings use an electrically  
3 conductive oil.

1           24. (Original)       The watch movement of claim 21,  
2 wherein said axes are grounded by means of sliding contacts.

1           25. (Original)       The watch movement of claim 1,  
2 wherein in the watch movement an ozone-resistant oil is used.

1           26. (Original)       The watch movement of claim 1,  
2       wherein a dry-film lubrication is used in the watch movement.

1           27. (Original)       The watch movement of claim 1,  
2       wherein it was tested beforehand to check whether certain  
3       parts of the watch movement are grounded.

1           28. (Original)       The watch movement of claim 1,  
2       wherein it contains bearings that protect the oil  
3       against oxidation.

1           29. (Original)       Watch movement in which the rotor of  
2       a generator is driven by a spring over a plurality of wheels  
3       and pinions, the operation of the generator being regulated by  
4       an electronic regulating circuit, wherein at least certain of  
5       said wheels and pinions are electrically grounded, and wherein  
6       at least certain of said wheels and pinions are made of  
7       non-magnetizable material.

1           29 30.       (currently amended) Watch movement in which the  
2       rotor of a generator is driven by a spring over a plurality of  
3       wheels and pinions, the operation of the generator being  
4       regulated by an electronic regulating circuit, wherein said  
5       regulating circuit changes the load imposed on said generator,  
6       and wherein in the watch movement an oil is used that is  
7       ozone-resistant.

1           ~~30~~ 31. (new)       Watch movement according to claim 30,  
2       wherein said generator is driven by a wheel and a pinion  
3       made of non-magnetizable material and whose meshing are  
     not epilamized.

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